

MEMORANDUM

Date: 6-18-69
A-830-BB01-STF-42

TO: D. L. Royer, H-009 (M/S 1-13)

FROM: S. T. Friedman, A-833

SUBJECT: "STATE OF THE ART" SEARCHES ON (1) ROUND VEHICLES AND (2) MAGNETO-AERODYNAMIC DEVICES

COPIES TO: H. C. Bjornlie, J. M. Brown, D. B. Harmon, L. A. Steinert,
W. P. Wilson, R. M. Wood, A-830; File

Per our discussion I would appreciate your providing State of the Art Searches as follows:

1. Round or lenticular shaped aircraft such as that described in U. S. Patent #3,103,324 "High Velocity, High Altitude V.T.O.L. Aircraft", September 10, 1963, by N. C. Price, (only 1963 or later).
2. Electrical and/or magnetic devices for propulsion or control of aircraft, submarine, or space vehicle heating, attitude, drag, communications blackout, radar cross section, etc. Examples are U. S. Patents #3,162,398 "Magnetohydrodynamic Control Systems", M. U. Clauser, et al, December 22, 1964 and #2,997,013 "Propulsion System", W. A. Rice, August 22, 1961. (Cover period from 1960 on.)

S. T. Friedman
S. T. Friedman, A-833
Research and Development
Advanced Concepts
Advance Systems & Technology

STF:msb

Approved: *J. M. Brown*
J. M. Brown, Supervisor

OK for forward